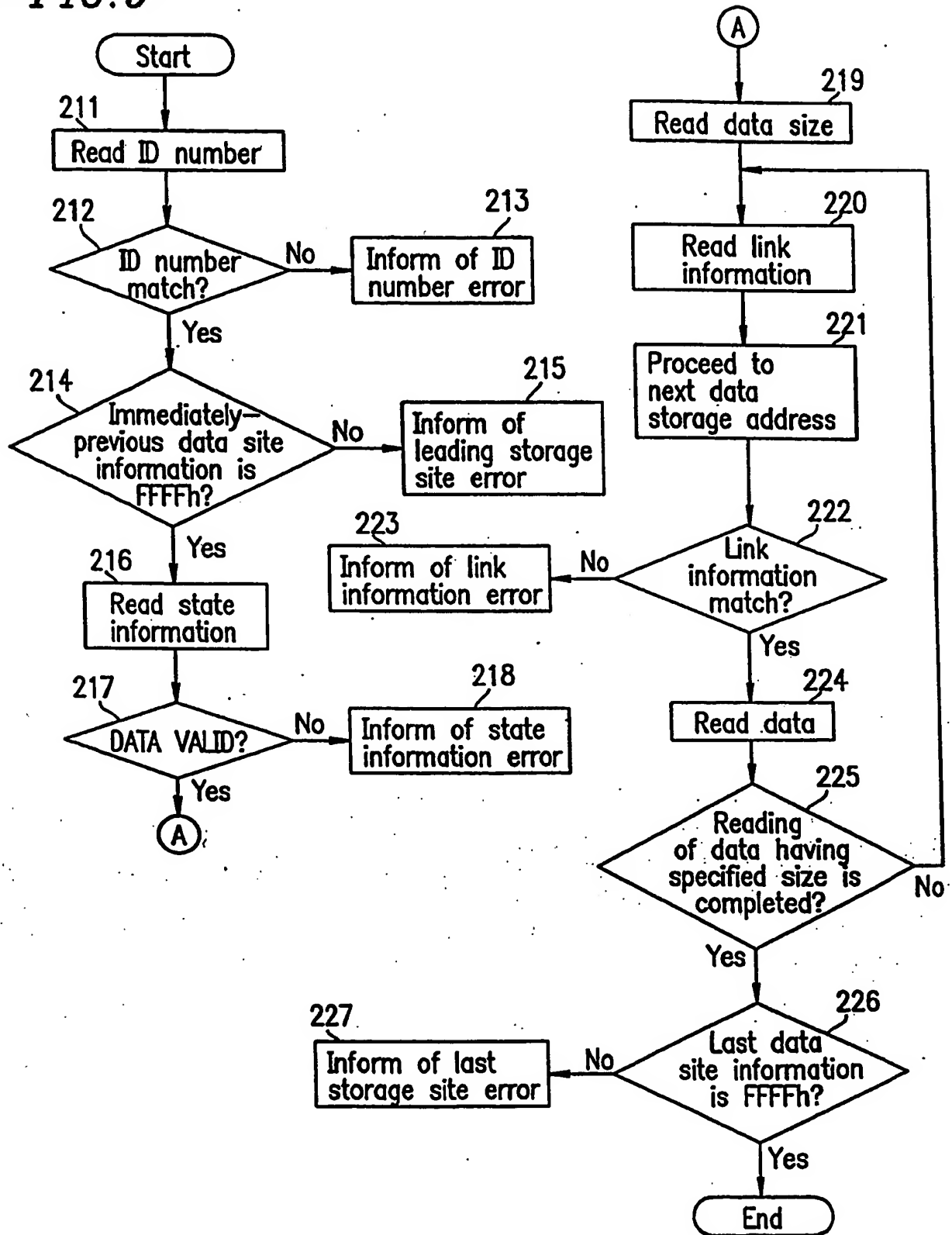




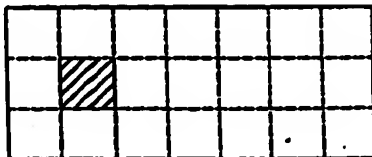
FIG. 9





Approved by  
examine  
10/8/04  
CR

**FIG. 13**



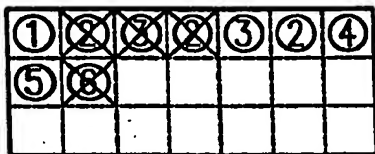
CONVENTIONAL ART

**FIG. 14**

Address No.	Flag
Data	

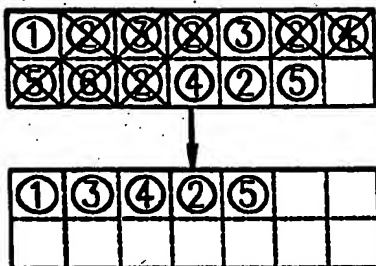
CONVENTIONAL ART

**FIG. 15**



CONVENTIONAL ART

**FIG. 16**



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App No.: 10/010,796

Docket No.: 299002053600

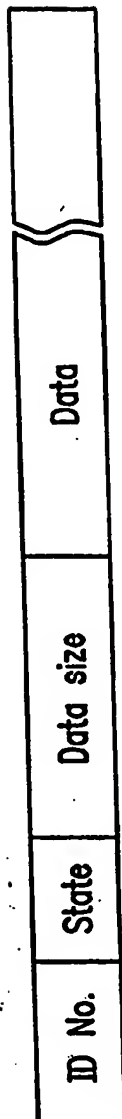
Inventor: Nobuaki TOMORI et al.

Title: DATA MANAGEMENT SYSTEM AND DATA  
MANAGEMENT METHOD

Replacement Sheet

Approved  
by examiner  
10/6/04  
CNE

**FIG. 17**



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App No.: 10/010,796

Docket No.: 299002053600

Inventor: Nobuaki TOMORI et al.

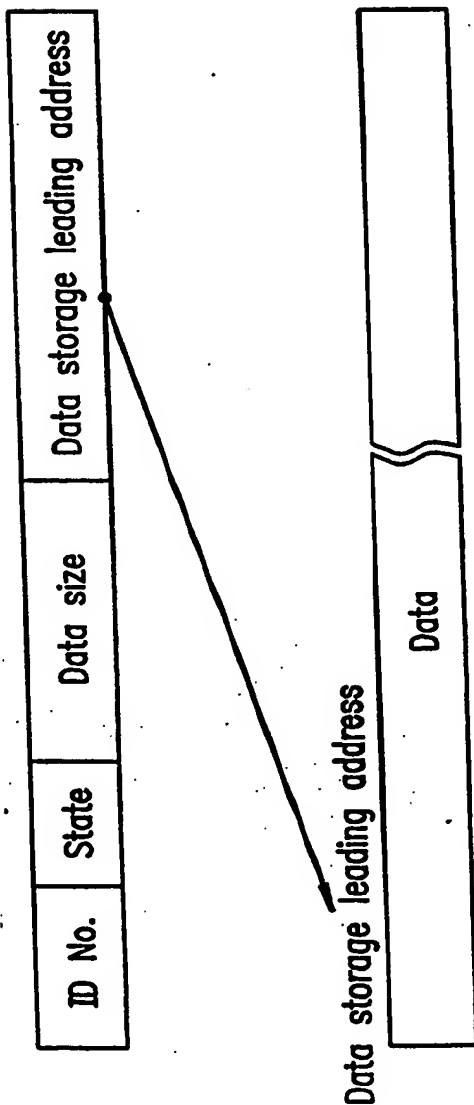
Title: DATA MANAGEMENT SYSTEM AND DATA

MANAGEMENT METHOD

Replacement Sheet

Approved by  
examine  
10/8/04  
etc

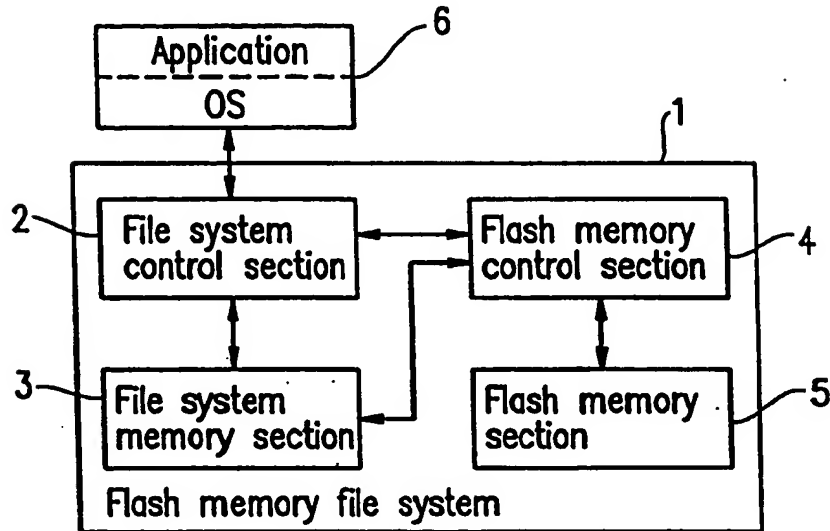
FIG. 18



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**FIG. 19**

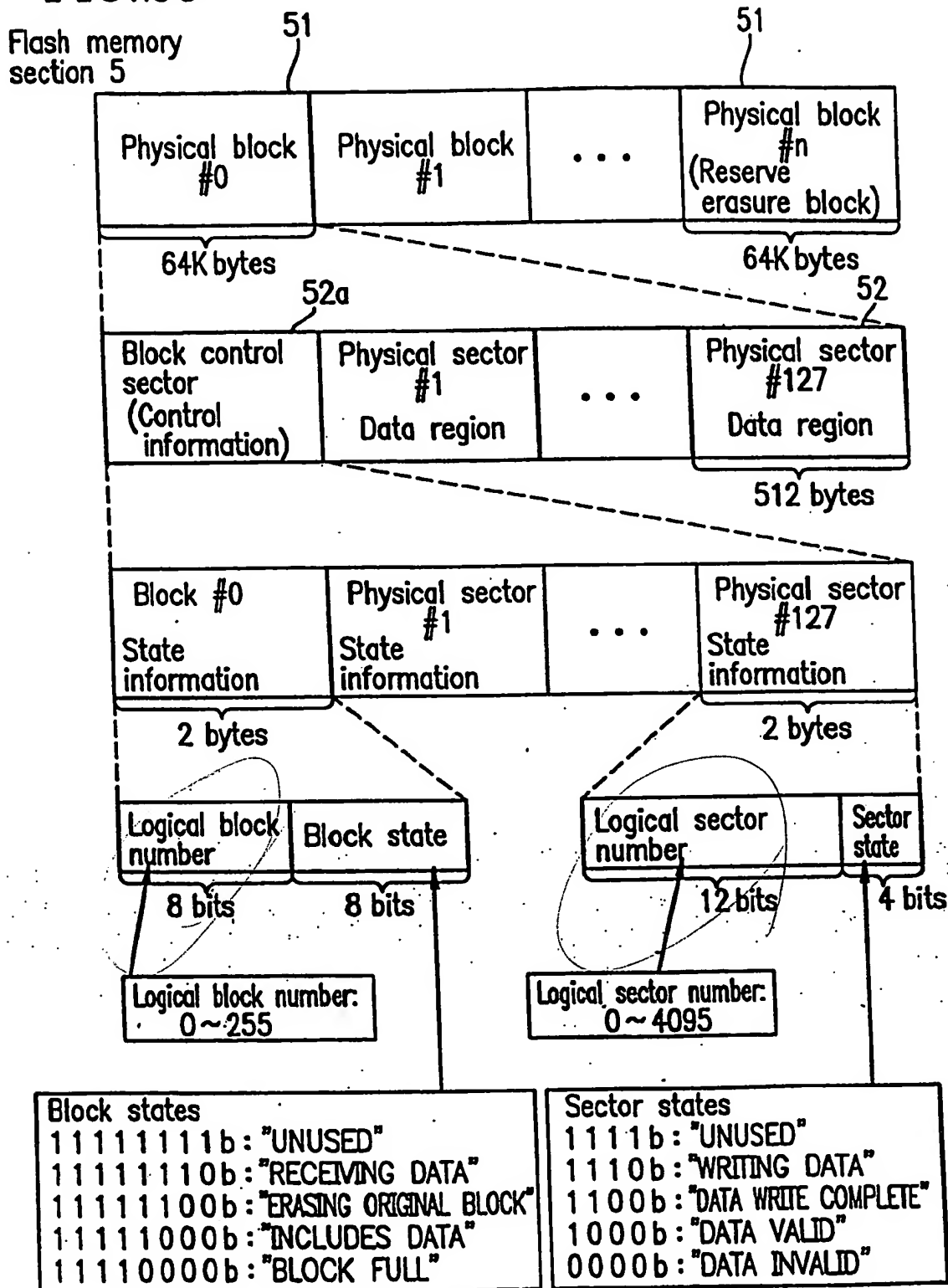


CONVENTIONAL ART

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10/8/04  
CPC



FIG. 20





App No.: 10/010,796

Docket No.: 299002053600

Inventor: Nobuaki TOMORI et al.

Title: DATA MANAGEMENT SYSTEM AND DATA

MANAGEMENT METHOD

Replacement Sheet

**FIG.21**

Block information table 10

CONVENTIONAL ART

Physical block number (PBN)	Logical block number (LBN)	Block state
0	0	INCLUDES DATA
1	1	BLOCK FULL
⋮	⋮	⋮

**FIG.22**

Sector information table 11

CONVENTIONAL ART

Physical block number (PBN)	Physical sector number (PSN)	Logical sector number (LSN)	Sector state
0	1	100	DATA VALID
0	2	10	DATA INVALID
⋮	⋮	⋮	⋮

**FIG.23**

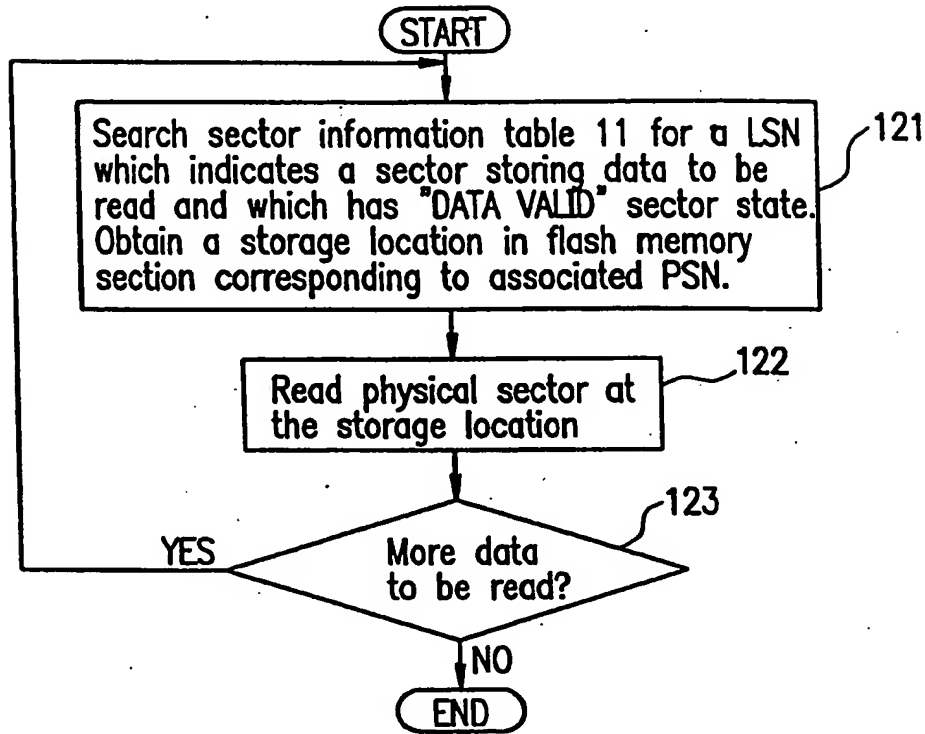
Sector information table 12

CONVENTIONAL ART

Physical block number (PBN)	Number of "UNUSED" sectors	Number of "DATA VALID" sectors	Number of "DATA INVALID" sectors
0	100	20	7
1	0	50	77
⋮	⋮	⋮	⋮



FIG.24

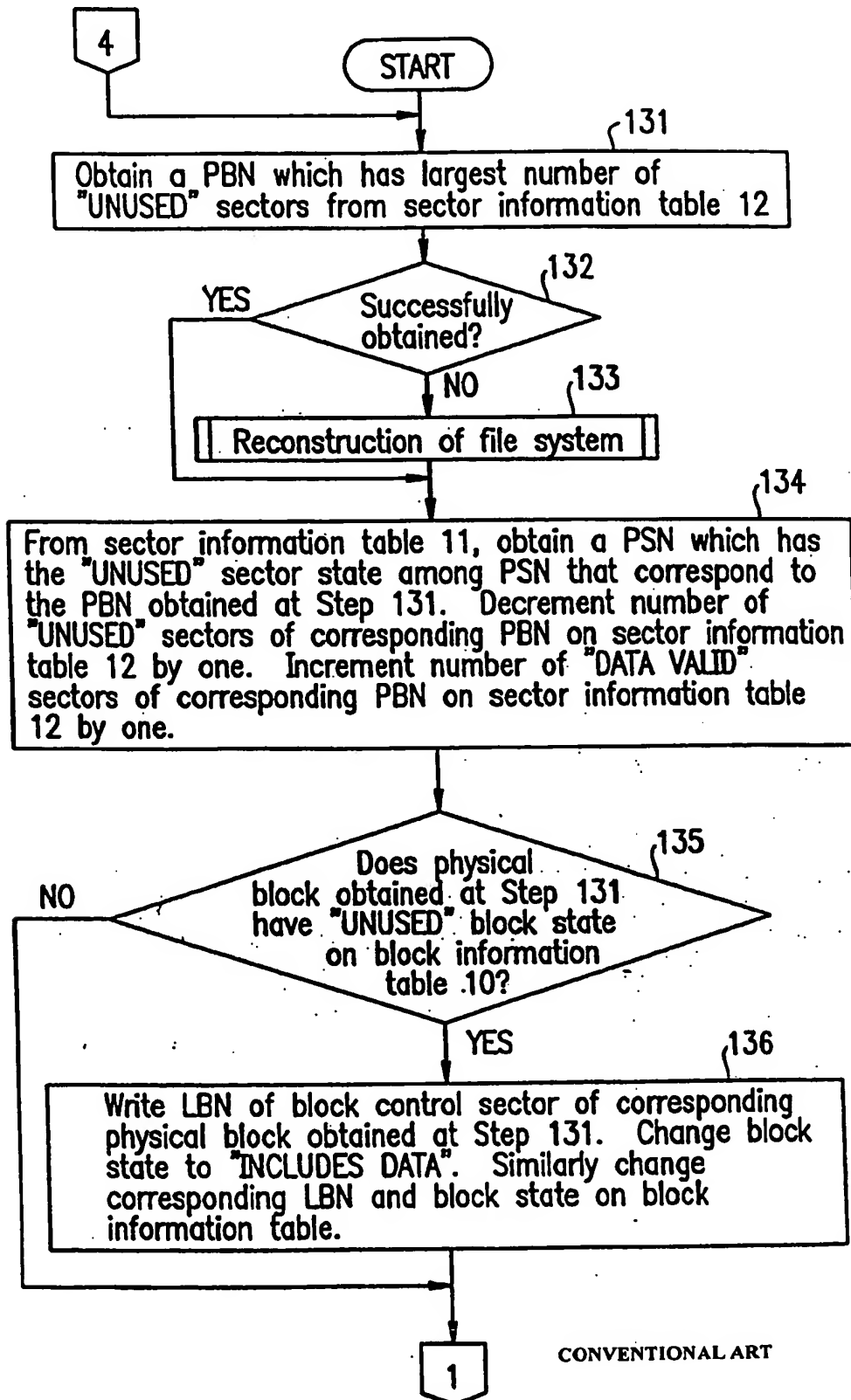


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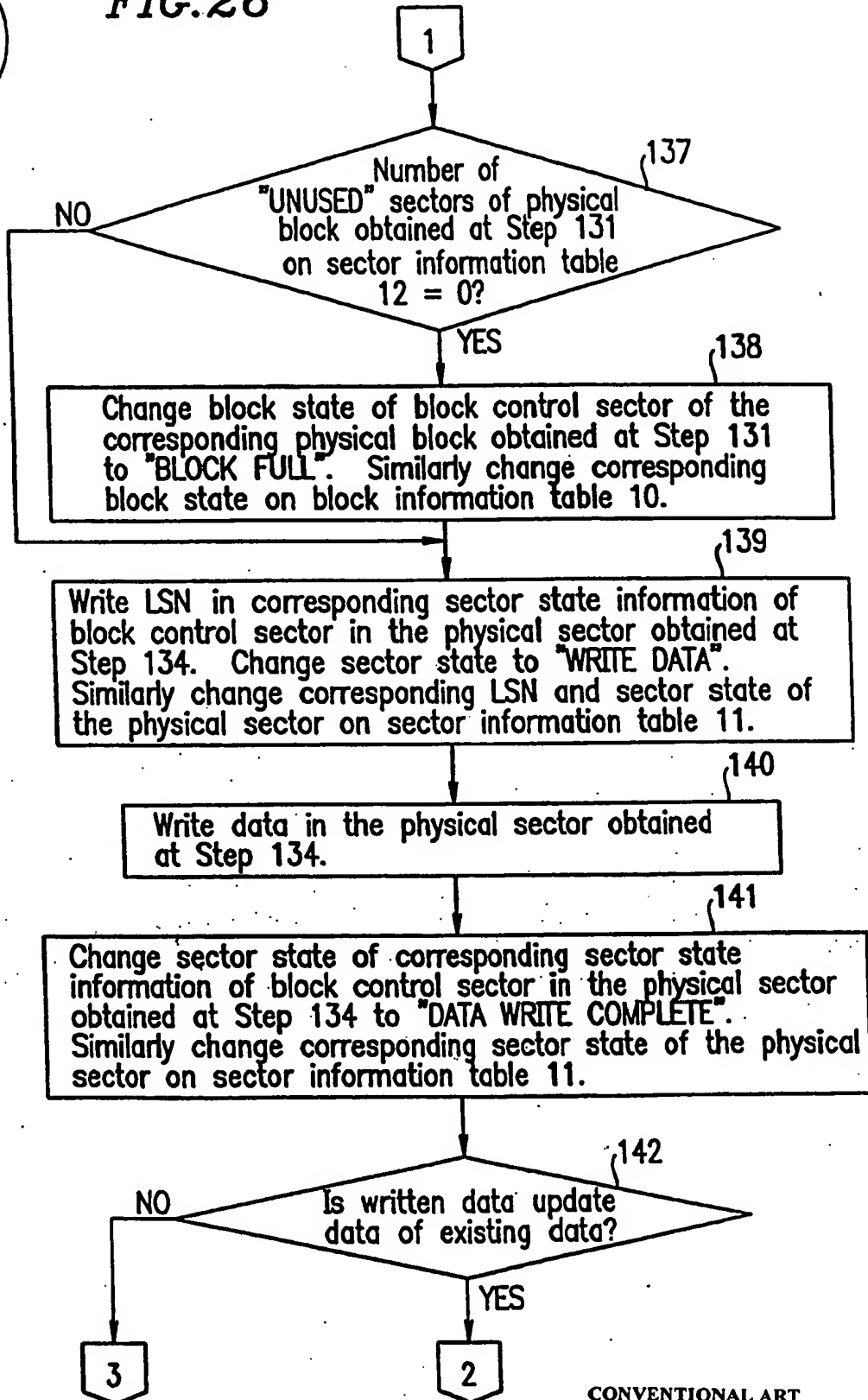
FIG. 25



Approved by  
12/8/04  
CNC



FIG. 26

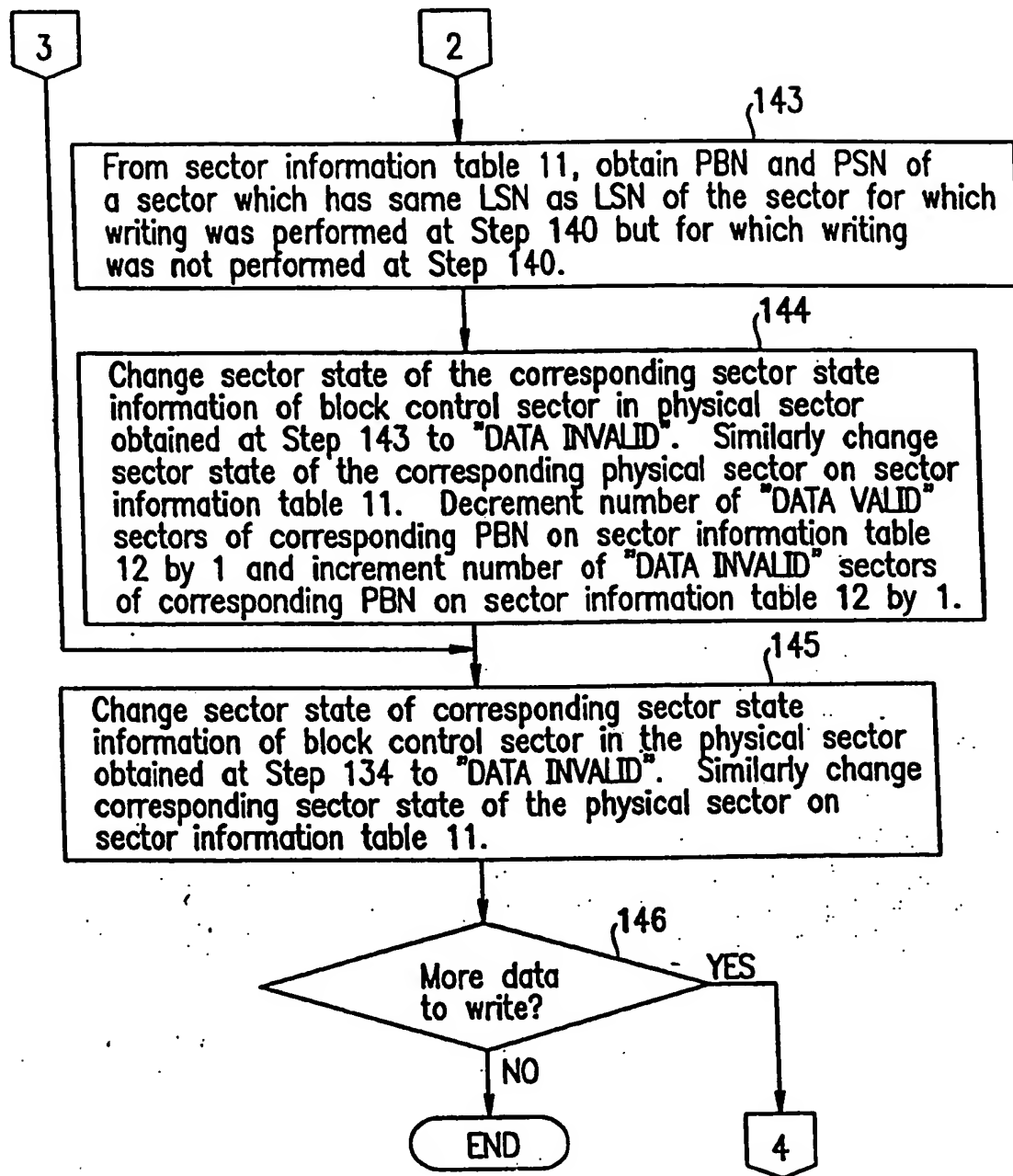


CONVENTIONAL ART

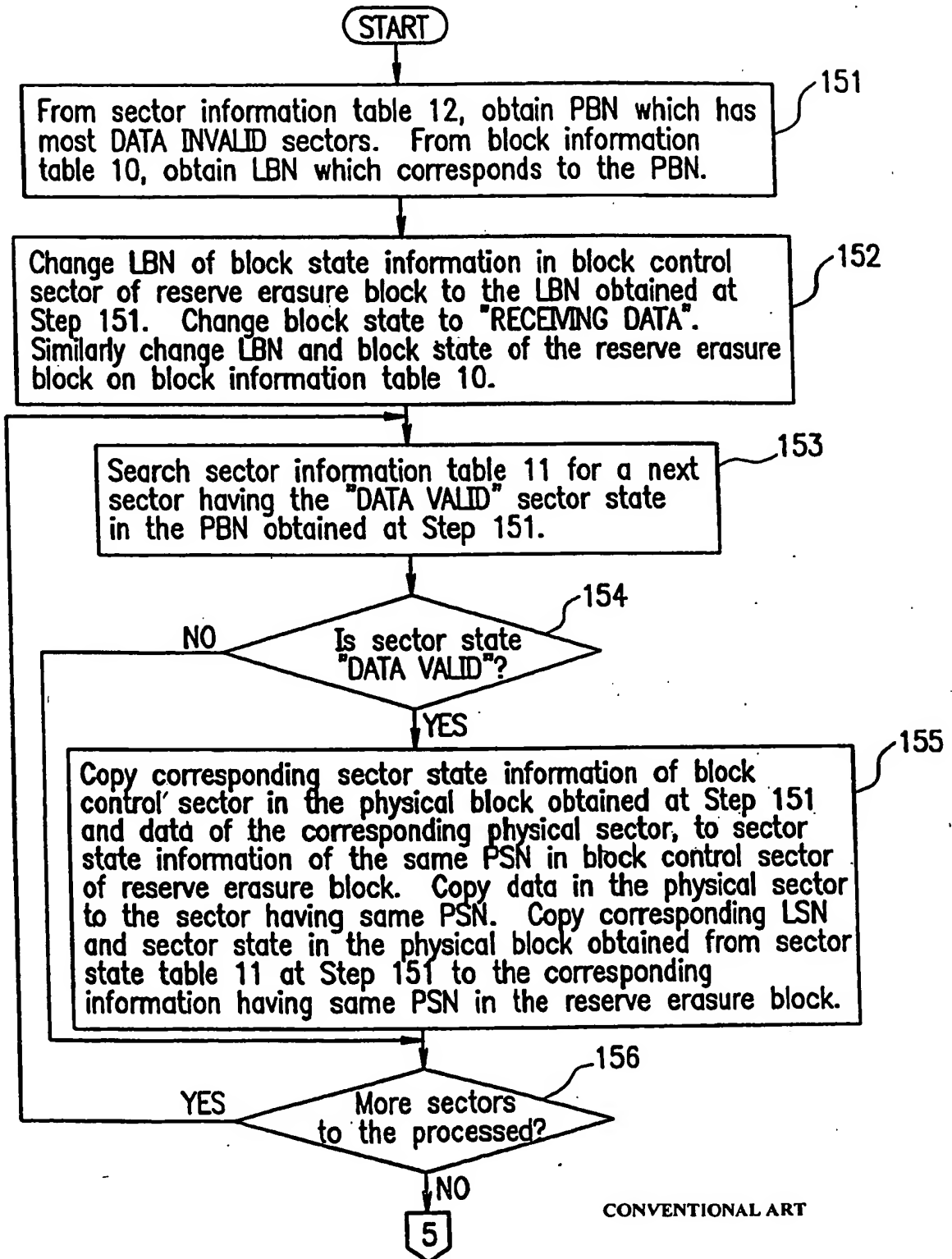
Approved by  
examiner  
10/18/04

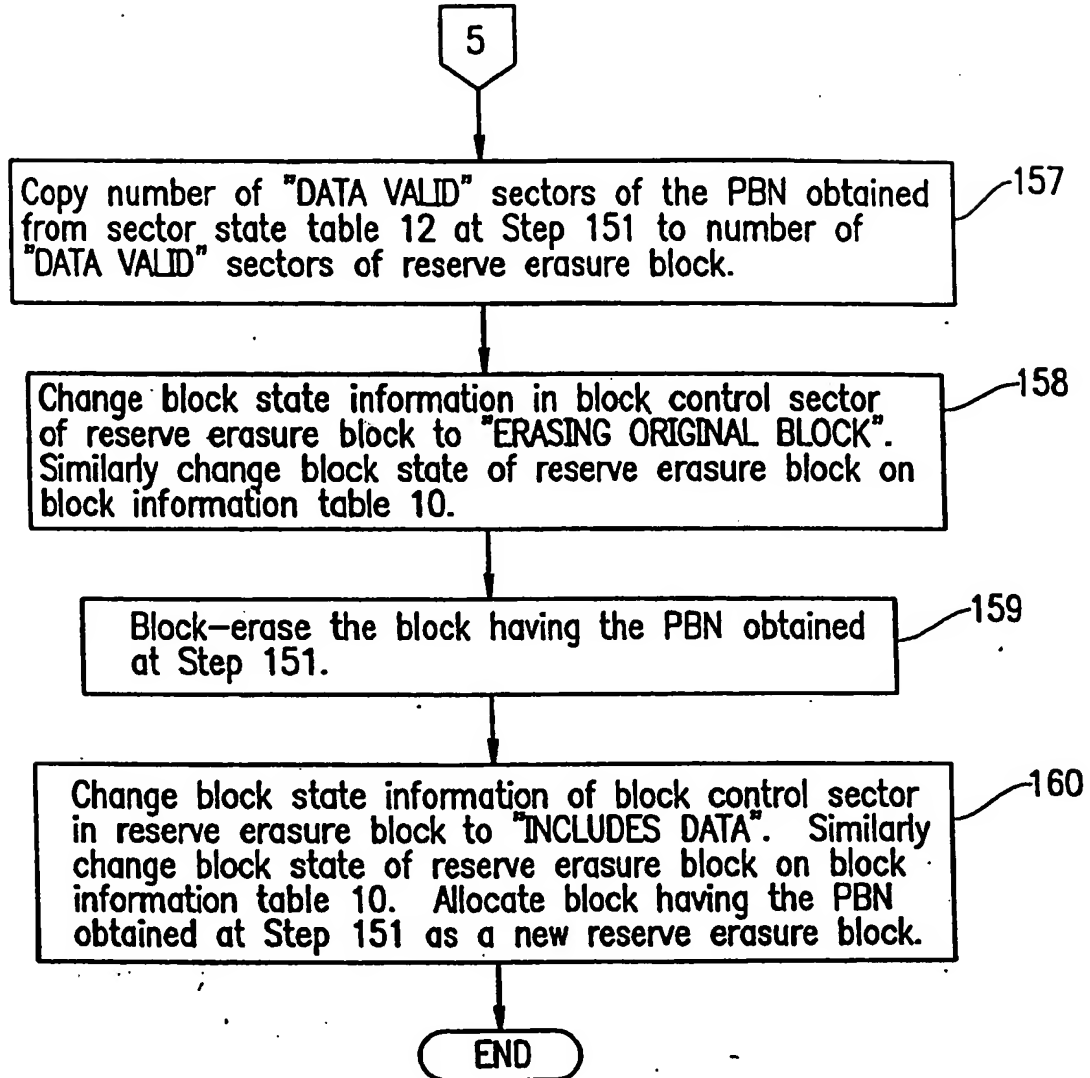


FIG. 27



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**FIG. 28**

**FIG. 29**

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